

All COR ISO Recommendations

Latent Condition, Seismic and ISS

Friday, October 12, 2012 12:25:58 PM

Type	Rec #	ABU	Unit	Year (I/R)	LC or ISS Question #	LC Question ISS Question Seismic Area	Observation	Recommendation	Resolution	Duc Date	Assigned To	Status
Latent Condition	217	Isomax	TKN Unit	2003			TKN 5 and ISO 6 original thermos bottle reactors have excedeed their run life		Attached link contains a summary of internal inspections on the TKN5 and ISO6 original thermos bottle reactors. All indications from our Hydroprocessing BP SME's is that reactors are not at the end of life. http://cpln-pub5.chvpk.chevrontexaco.net/CRTC/Learn.nsf/\$DefaultView/4415EFDAB72917A888256D9000743C15/\$FILE/High%20P%20Reactor%20Insp%20BP%202003.xls	12/31/2004	Risse, Peter J.	Completed
Latent Condition	346	Isomax	TKN Unit	2004	5-8	Are communications required at periodic intervals so that injured or incapacitated operators can be identified?	No requirements are in place for periodic check-in		Alarm exist on safety showers. Hazardous material release monitoirng system in place. Orange Panic button on all operators' radio. Routine duties and tasks (reading cards, handheld device downloads, radioing in sample results). Head Operators has the duty to monitor the activites and access in their areas.			Completed
Latent Condition	347	Isomax	TKN Unit	2004	3-49	Are calculations performed by operations personnel documented in a consistent manner and periodically checked for correctness?	Calculations are preformed by operators, but rarely documented or checked		The basic requirements on hiring into an operations position screens for basic skills to perform basic calculations. Procedures and EOM training materials provide examples of most calculations. Calculation that operators typically perform are for plant operations. Calculations for safety and environmental issues are handled through engineering.			Completed

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Latent Condition	348	Isomax	TKN Unit	2004	3-13	Are all equipment labels (e.g., vessels, piping, valves, instrumentation, etc.) easy to read (clear and in good condition)?	Equipment labels are in need of revision		A label machine is available. If labels are needed, the operator needs to make a list, number of labels, color requirements (RI-302), and provide that to the Supervisor. The supervisor will coordinate the generation of the labels. Once labels are created, the supervisor will return the labels to the requesting operator to install.			Completed
Latent Condition	349	Isomax	TKN Unit	2004	3-11	Are operating ranges for process variables specified in the same engineering units as the instrument read-out or indicator (i.e., mental conversion of units is avoided)?	Honeywell smart meters indicate percent of flow in the field, whereas the TDC indicates engineering units	System Wide issue,	A communication will be sent to all crews.		Peterson, Paul M.	Completed
Latent Condition	350	Isomax	TKN Unit	2004	3-11	Are operating ranges for process variables specified in the same engineering units as the instrument read-out or indicator (i.e., mental conversion of units is avoided)?	Honeywell control board, YES, smart meters, NO. So mental conversion is required.	System Wide issue	Not a latent condition in terms of safety. Field Ops can contact CBO for to get actual units. Reading card changes will indicate trends in percentages vs. units (operator should therefore be aware that a change is occurring).		Peterson, Paul M.	Completed
Latent Condition	351	Isomax	TKN Unit	2004	3-22	Are pipelines and electrical conduit clearly labeled at points where they become invisible (e.g., routed underground)?	The refinery does not label conduit where it becomes invisible.		It is not a refinery practice to label conduit. It is our practice to have drawings of underground pipe ways and electrical run (sewers, cooling water lines).			Completed

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Latent Condition	352	Isomax	TKN Unit	2004	2-35	Is equipment and instrumentation clearly labeled and are the equipment and instrument tag numbers used in the procedures?	Equipment is not always clearly labeled. Procedures use accurate equipment numbers		A label machine is available. If labels are needed, the operator needs to make a list, number of labels, color requirements (RI-302), and provide that to the Supervisor. The supervisor will coordinate the generation of the labels. Once labels are created, the supervisor will return the labels to the requesting operator to install. A communication will be sent to all crews.			Completed